



Cresta Digital Series

Monopolar | Bipolar | Saline Bipolar | Vessel Sealer

Complete RF Energy Generator Platform Product Brochure

CRESTA

Cresta is a next-generation surgical energy platform designed for precision, safety and user-friendly operation. The advanced user interface allows surgeons to easily select modes, adjust power levels, and monitor performance in real time during critical procedures.

Versatile and compatible with universal accessories, Cresta ESU is suitable for general surgery, laparoscopy, gynecology, urology, and specialized procedures, making it a reliable choice for modern operating rooms.

Key Features



Consistent Tissue Effect

450 kHz Frequency and High PER ensure stable and predictable cutting and coagulation on across tissue types. High PER minimizes energy loss, providing smooth, precise surgical outcomes with minimal thermal spread.

Clean incisions, reduced collateral damage.



ReSalix

Enhances surgical efficiency by reducing dependency on instrument adjustment and manual compensation and energy delivery starts only when the electrode is correctly positioned in saline.

Stable Output for Precision Tissue Cutting.



RF Bipolar Cut

Delivers smooth, precise tissue incision with controlled energy and minimal thermal spread for superior surgical outcomes.

Stable Output for Precision Tissue Cutting.



ContactIQ

Continuously monitors the patient return electrode contact to ensure safe energy delivery. Prevents burns or unsafe operation by adjusting output in real-time, Protects both patient and surgeon during complex procedures.

Maximum patient safety, every moment.



SureBind

Seals vessels up to 7 mm with minimal thermal spread and automatically stops energy delivery upon completion of Vessel sealing, reduces intra-operative blood loss and improves surgical efficiency.

Secure, reproducible haemostasis



SafeTis

Continuously monitors tissue impedance in real time. Dynamically adjusts output within microsecond, maintains consistent tissue effects.

Where tissue feedback defines energy delivery



Key Features



TURiCUT

Enables safe and effective monopolar cutting under water, ensuring clear visibility, consistent performance, and confident surgical control

Power Meets Precision in Every Resection.



Auto Diagnostic & System Reliability

State-of-the-Art High-performance ARM32 Microcontroller (Sampling Rate >10,000/sec) ensures rapid sensing, precise energy delivery, and robust system reliability with continuous real-time monitoring.

Trusted performance for every surgery.



Warning

Displays real-time Error codes and alarms on the 7 segment LED display with audible alert.

Smart alert system for uninterrupted surgical performance.



Self-Diagnosis

Enables the device to perform self-checks for system errors.

Smart safety begins with self-check.



Program Manager

Allows clinicians to store and recall up to 100 custom profiles— enabling quick recall for consistent performance and efficient workflow in every procedure.

Your Settings. Instantly Ready



Intuitive Surgeon Interface

User-friendly 7 Segment LED display interface for quick and easy access. Clear, quick-glance visibility and instant numeric recognition, even under low-light operating conditions. Provides precise, stable readouts for confident parameter adjustment.

Precision You Can See



Dual-Mode Operation & Independent Activation

Enables two surgeons to coagulate simultaneously with independent hand switch control.

Optimizes teamwork and workflow in multi-surgeon scenarios.

Cresta B



- One Monopolar
- One Bipolar

Cresta B+



- Two Monopolar
- One Bipolar

Cresta Is / Ic



- One Monopolar
- One Bipolar
- One Vessel Sealer

*Outputs are available in Split port & Common port configuration for Bipolar & Vessel Sealer

Cresta Is+ / Ic+



- Two Monopolar
- One Bipolar
- One Vessel Sealer

*Outputs are available in Split port & Common port configuration for Bipolar & Vessel Sealer

Cresta Ws / Wc



- One Monopolar
- One Bipolar
- One Saline Bipolar

*Outputs are available in Split port & Common port configuration for Bipolar & Vessel Sealer

SPECIFICATIONS:

Variants		Rated load	Vpk-pk	B	B+	Is	Ic	I+s	I+c	Ws	Wc
Monopolar mode				1	2	1	1	2	2	1	1
Monopolar Cut	Pure cut	500 Ω	3100V	300W	300W	300W	300W	300W	300W	300W	300W
	Blend 1	500 Ω	3300V	250W	250W	250W	250W	250W	250W	250W	250W
	Blend 2	500 Ω	3200V	200W	200W	200W	200W	200W	200W	200W	200W
	Blend 3	500 Ω	3600V	200W	200W	200W	200W	200W	200W	200W	200W
Monopolar Coag	Spray	300 Ω	6000V	80W	80W	80W	80W	80W	80W	80W	80W
	Fulguragte	300 Ω	6600V	120W	120W	120W	120W	120W	120W	120W	120W
	Desiccate 1	500 Ω	3100V	150W	150W	150W	150W	150W	150W	150W	150W
	Desiccate 2	500 Ω	2600V	150W	150W	150W	150W	150W	150W	150W	150W
Bipolar				1	1	1	1	1	1	1	1
	Micro	100 Ω	650V	80W	80W	80W	80W	80W	80W	80W	80W
	Macro	100 Ω	750V	80W	80W	80W	80W	80W	80W	80W	80W
	Cut	100 Ω	800V	120W	120W	120W	120W	120W	120W	120W	120W
Vessel Sealer				-	-	1	1	1	-	1	1
	L1 - L2	150 Ω	300V	NA	NA	110W	110W	110W	110W	110W	110W
	A1 - A2	150 Ω	350V	NA	NA	130W	130W	130W	130W	130W	130W
	H1- H2	150 Ω	450V	NA	NA	150W	150W	150W	150W	150W	150W
Saline Bipolar				-	-	-	-	-	1	1	1
Cut	L6	100 Ω	1500V	NA	NA	NA	NA	NA	300W	300W	300W
Coag	L6	100 Ω	950V	NA	NA	NA	NA	NA	250W	250W	250W



ACCESSORIES



**MONOPOLAR DUAL
PEDAL FOOTSWITCH**



**BIPOLAR VESSEL
SEALER DUAL PEDAL
FOOTSWITCH**



**BIPOLAR SINGLE
PEDAL FOOTSWITCH**



**DISPOSABLE
HANDSWITCH PENCIL**



**CHUCK HANDLE WITH
ELECTRODE**



**5 MM SEAL & CUT
INSTRUMENT**



**SILICON RUBBER
PATIENT PLATE**



REM PATIENT PLATE



**BIPOLAR FORCEP
WITH CORD**



BICLAMP (7 MM)



RESECTOSCOPE

CRESTA TOUCH SERIES ORDERING INFORMATION

Description	CODE	Description	CODE
Cresta B	LF90120	Cresta I+c	LF90125
Cresta B+	LF90121	Cresta I2B	LF90126
Cresta Is	LF90122	Cresta Ws	LF90127
Cresta Ic	LF90123	Cresta Wc	LF90128
Cresta I+s	LF90124		

ACCESSORIES ORDERING INFORMATION

Description	CODE	Description	CODE
Mains cord	XK69026	REM Patient Plate cord	XK69040
Bipolar cord	XK69028	Biclamp (7 mm)	XK69071
Patient plate cord	XK69029	5 mm Seal & Cut instrument	XK69072
Silicon Rubber Patient Plate	XK69031	Resectoscope	XK69073
Chuck Handle with Electrode	XK69032	Bipolar Maryland Grasper 5 mm instrument (Optional)	XK69101
Disposable Hand switch Pencil	XK69033	Bipolar Cable (Optional)	XK69102
Bipolar Forcep with cord	XK69034	Bipolar Fenestrated Grasper 5 mm instrument (Optional)	XK69103
Monopolar Dual padel Footswitch	XK69036	Sealer Cutter with Blade 5 mm instrument (Optional)	XK69104
Bipolar Vessel Sealer Dual padel Footswitch	XK69037	Sealer Cutter with Blade 10 mm instrument (Optional)	XK69105
Bipolar Single padel Footswitch	XK69038	Sealer Cutter Cable (Optional)	XK69106
Disposable REM Patient Plate	XK69039		





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